

**In the Claims**

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2 1. 1—37 (Cancel)

3  
4 38. (Previously Presented) A coated substrate configured for printing a  
5 toner image thereon, comprising:

6 a paper substrate;

7 an underlayer coating, applied directly on the substrate, wherein the  
8 underlayer coating comprises amine terminated polyamide; and

9 an overlayer coating, applied directly on the underlayer coating, comprising  
10 a polymer material to which the toner image can be fused and fixed.  
11

12  
13 39. (Cancel.)

14  
15 40. (Previously Presented.) The coated substrate according to claim 38  
16 wherein the overlayer coating is free of particulate matter.  
17

18  
19 41. (Previously Presented.) The coated substrate according to claim 38  
20 wherein the polymer material comprises styrene butadiene copolymer.  
21

22 42. (Previously Presented.) The coated substrate according to claim 38  
23 wherein the polymer material comprises ethylene acrylic acid copolymer.  
24  
25

1  
2 43. (Withdrawn.) A print media for printing a toner image thereon,  
3 comprising:

4 a substrate coated with an underlayer having a high affinity for the  
5 substrate, and an overlayer having a high affinity for toner, wherein the underlayer  
6 and the overlayer have high affinity for each other;

7 wherein the underlayer is applied directly to the substrate and comprises  
8 amine terminated polyamide; and

9 wherein the overlayer is applied directly to the underlayer and comprises a  
10 polymer material defining an outer surface to which the toner image can be fused  
11 and fixed.  
12

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14 44. (Withdrawn.) The print media according to claim 43, wherein the  
15 substrate is selected from among a group of substrates comprising polyethylene,  
16 vinyl, paper, polyethylene terephthalate (PET), BOPP (biaxially oriented  
17 polypropylene film) and polycarbonate.  
18

19  
20 45. (Withdrawn.) The print media according to claim 43 wherein the  
21 underlayer is free of particulate matter.  
22

23 46. (Withdrawn.) The print media according to claim 43 wherein the  
24 overlayer comprises styrene butadiene copolymer.  
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1  
2 47. (Withdrawn.) The print media according to claim 43 wherein the  
3 overlayer comprises ethylene acrylic acid copolymer.  
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5 48. (Withdrawn.) A method of producing a coated substrate to which a  
6 toner image can be adhered, comprising:  
7

8 coating a substrate with an underlayer comprising amine terminated  
9 polyamide; and  
10

11 coating the underlayer with a polymer material to form an overlayer on the  
12 underlayer, wherein the overlayer has a high affinity for the underlayer and an  
13 outer surface to which the toner image can be applied.  
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15 49. (Withdrawn.) The method of claim 48, wherein coating the substrate  
16 comprises:  
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18 coating a paper substrate.  
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20 50. (Withdrawn.) The method of claim 48, wherein coating the substrate  
21 comprises:  
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23 coating a plastic sheet substrate.  
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1           51.   (Withdrawn.) The method of claim 48, wherein coating the substrate  
2 comprises applying 0.1 to 0.3 grams of solids to the substrate per square meter of  
3 the substrate.  
4

5           52.   (Withdrawn.) The method of claim 48, wherein coating the substrate  
6 comprises:  
7

8               mixing a 19-to-1 ratio of 1-Propanal to Macromelt 6239 (Henkel);  
9

10              stirring the mixture; and  
11

12              heating the mixture to between 40 degrees C. and 50 degrees C., until a  
13 homogeneous and clear 5% solids solution is obtained.  
14

15           53.   (Withdrawn.) The method of claim 48, wherein coating the substrate  
16 comprises:  
17

18               coating the substrate with a partial solids solution; and  
19

20              letting the partial solids solution dry.  
21

22           54.   (Withdrawn.) The method of claim 53, wherein the partial solids  
23 solution is a 5% solids solution.  
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1           55. (Withdrawn.) The method of claim 48, wherein coating the  
2 underlayer comprises:

3           combining deionized water and isopropyl alcohol to form a mixture;

4           cooling the mixture; and

5           adding the mixture to a dispersion of MP 4990.  
6

7           56. (Withdrawn.) The method of claim 55, wherein the dispersion of MP  
8 4990 is in a range of 32% to 35%.  
9

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11           57. (Withdrawn.) The method of claim 48, wherein coating the  
12 underlayer comprises:

13           applying 0.3 to 0.5 grams of the polymer material per square meter of  
14 underlayer.  
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17           58. (Withdrawn.) The method of claim 48, wherein coating the  
18 underlayer comprises:

19           drying the underlayer before applying the outerlayer.  
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